19990426.ba v02_n520.bam.990426

>From ???@??? Tue Apr 27 05:59:27 1999
Message-Id: <199904261832.NAA18654@sco.theporch.com>
Date: Mon, 26 Apr 1999 13:32:39 CDT
From: Old Tube Radios <boatanchors@theporch.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: BOATANCHORS digest 2520

BOATANCHORS Digest 2520

Topics covered in this issue include:

Message-Id: <3.0.5.32.19990425135027.007e6600@proaxis.com>
Date: Sun, 25 Apr 1999 13:50:27 -0700
To: Old Tube Radios <boatanchors@theporch.com>
From: Hue Miller <kargokult@proaxis.com>
Subject: Re: Receiver alignment with sweep generators
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

hello all,

say, i was looking at the manuals for a couple of the common TV
BA-sweepers and i see they achieve this by having another winding
on the tuned circuit core, and this winding gets 60 Hz from the
power transformer. i was wondering if i could just modify the sweeper
with an aux input, and drive this winding from a sinewave
audio generator such as the HP200. goal is to get the slower sweep
speed for critical bandpass alignments. also, i would have to
add more turns to lower the tuning range of the swept osc. circuit,
but that is do-able.
tnx, hue ka7lxy

Message-ID: <37239079.7E24C1FF@his.com>
Date: Sun, 25 Apr 1999 18:00:25 -0400
From: "James R. Binkley" <w4aos@his.com>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>

Subject: Receiver alignment with sweep generators
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Scott sez:
>One of the things to check in such an alignnment is to verify that the IF
>bandpass characteristic is reasonably constant over large signal level
>changes. Since the AVC changes the DC plate currents of the IF amps, the
>permeabilities and therefore inductances of the IF tranny cores may change
>a little with signal strength, changing the filter shape. Sometimes you
>need to optimize for the signal strength you are most interested in. For
>instance, you probably won't be using the a 10 KHz wide filter for very
>weak signals.

Yes Scott the AVC level can affect the IF and RF alignment. Not only by changing the inductance in the tuned circuits due to changes in plate current, but also by the change in tube input capacitance caused by variations in plate current. As usual The Radiotron Designers Handbook covers the topic. It's quite a complicated effect, but in general it is related to the density and distribution of the electron cloud between the grid and the cathode. Changes in these parameters as well as changes in Gm cause changes in tube input capacitance. Of course the AVC does change these parameters. There is an optimum value of cathode resistor to minimize these effects. Anyone interested, see page 1061-1064 of the fourth edition. I highly recommend the Radiotron Designers Handbook to all list members, it covers just about everything related to tubes, its not easy to read, but it's worth the effort. It's available in CD ROM format now.

Bob

Message-ID: <3723934C.E666CFC6@vifp.monash.edu.au>
Date: Mon, 26 Apr 1999 08:12:28 +1000
From: Morris Odell <morriso@vifp.monash.edu.au>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Tek 585A Problems
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi all,

don merz wrote:
>
> Hi. I am struggling to understand some Tek 'scope oddities and I need your help.
> I recently picked up a batch of older Tek gear including 2 585A scopes, an 82
> plug-in, 2 81 adapters and several letter-series plug-ins. Most of this stuff

> works, after a fashion...

What a lucky guy you are....

> Oddity #1: Both 585A 'scopes cut off the trace at the top and bottom of
> the screen. Once the trace gets larger than about 2" high, it starts to be cut off. I don't think this is normal behavior. But they both do
> it exactly the same way.

You're desribing the "shadow" of the horizontal deflection plates! Those old 'scopes have round screens and flat deflection plates. When the beam is deflected too far up or down it hits the horizontal plates and disappears from the sceeen. You will notice the graticule is plus and minus 3 CM (I think) for this reason and does not go up to the top of the screen. This was one of the compromises that came with faster vertical systems in the days of vacuum tube technology.

>
> Oddity #2: The one 585A works great with the 82 plug-in, no problem.

<snip>

Sorry, can't help you with this one - unfortunately I have yet to acquire my first 580 series and 81 plugin!

73 de Morris VK3DOC

Message-ID: <3723987D.B682826D@vifp.monash.edu.au>
Date: Mon, 26 Apr 1999 08:34:38 +1000
From: Morris Odell <morriso@vifp.monash.edu.au>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Tek 585A Problems
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi again,

On re-reading this it sounds confused..

> You're describing the "shadow" of the horizontal deflection plates!

What I mean is the *physically* horizontal plates that are connected to the *electronic* vertical deflection system!

Morris

Message-Id: <v03102801b3495da42358@[134.53.65.12]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Sun, 25 Apr 1999 20:15:18 -0400
To: Old Tube Radios <boatanchors@theporch.com>
From: Jim Garland W8ZR <4CX250B@miavx1.acs.muohio.edu>
Subject: National LF-10 preselector

Hi Gang,

I picked up a National LF-10 preselector for my HRO-500 today. It came out of an estate, along with the original manual. The guy who bought it from the estate only wanted to keep the HRO-500 (which was a really nice, latest series radio. Sigh!)

The manual says LF-10A, but the front panel only says LF-10. I wonder if anybody knows how to tell the LF-10 and the LF-10A apart? The photo in the manual shows four knobs on the left of the unit, with a wider space between knobs three and four. On my preselector, the four knobs are evenly spaced.

I tried out the LF-10 and it seems to work well. There isn't much in it but some tuned circuits an amplifier stage, and a speaker. (Even so, that's more than is in the Collins 55G-1 preselector, about which collectors go really nuts.) The preselector is in great condition, EXCEPT that one of the spun aluminum inserts is missing from a knob. Anybody got a knob from a junker HRO-500 that they'd part with? I know I won't sleep until I find the damn knob.

Thanks,

Jim Garland W8ZR

Message-Id: <199904260244.TAA17945@mail-gw.pacbell.net>
From: "Arden Allen" <gumbear@pacbell.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Receiver alignment with sweep generators
Date: Sun, 25 Apr 1999 19:48:07 -0700
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Hi Hue;

> say, i was looking at the manuals for a couple of the common TV

> BA-sweepers and i see they achieve this by having another winding
> on the tuned circuit core, and this winding gets 60 Hz from the
> power transformer. i was wondering if i could just modify the sweeper
> with an aux input, and drive this winding from a sinewave
> audio generator such as the HP200. goal is to get the slower sweep
> speed for critical bandpass alignments. also, i would have to
> add more turns to lower the tuning range of the swept osc. circuit,
> but that is do-able.

There is a DC bias supply putting a current through the modulation winding
of the "vari-ductor". Without it the sweep would be highly non-linear.
You can adjust the bias as a fine tuning control if you want. Your sweep
rate, therefore, can be as slow as DC.

Arden Allen   KB6NAX   Vallejo, CA   gumbear@pacbell.net

Message-Id: <3.0.6.32.19990425210818.00797ec0@mars.ark.com>
Date: Sun, 25 Apr 1999 21:08:18 -0700
To: Old Tube Radios <boatanchors@theporch.com>
From: ray <rcmorris@mars.ark.com>
Subject: CR91A value
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Greetings Group,

     I've just been handed the task of helping dispose of some estate articles
that belonged to a ham. I know the approximate value of most of them but
the fair market value of an RCA CR91a in unknown internal condition eludes
me.
     Anyone have a ballpark figure for this one?
                TIA.

                              73.........Ray. VE7FBJ.

http://mars.ark.com/~rcmorris/

Message-ID: <004f01be8fc2$c314cbe0$7da6868b@me>
From: "Steve Hill" <SHILL@onaustralia.com.au>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: AP numbers
Date: Mon, 26 Apr 1999 18:57:03 +1000

Gang,

Is there a list somewhere of the Admiralty Pattern (AP)

numbers and what the items are?

Cheers

Steve Hill VK4CZT
<SHILL@onaustralia.com.au>
visit my military radio page
<http://www.users.bigpond.com/SHILL>
Brisbane. Australia.

Message-Id: <v03102803b349efd28158@[134.53.65.12]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Mon, 26 Apr 1999 06:31:15 -0400
To: Old Tube Radios <boatanchors@theporch.com>
From: Jim Garland W8ZR <4CX250B@miavx1.acs.muohio.edu>
Subject: Drake DSR-1 receiver

Hi Gang,

Does anybody know about this receiver? An acquaintance called me and said he bought one as part of an estate sale. He plans to sell it at Dayton, but doesn't know what it's worth, or even if it's collectable. All I know about it is that it is in very good condition, has a nixie tube display, and is general coverage. I think he said the s/n was 022, which makes me think not many were made. I don't think I've ever seen one. Does it use vacuum tubes? With nixie tubes, it could be either tube or transistors.

73,

Jim W8ZR

Date: Mon, 26 Apr 1999 08:03:38 -0400 (EDT)
From: "P. J. Rovero" <provero@connix.com>
To: Old Tube Radios <boatanchors@theporch.com>
cc: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Drake DSR-1 receiver
Message-ID: <Pine.BSI.3.95.990426080136.9298A-100000@comet.connix.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

It is solid state except for the display tubes.

The DSR-1 and 2 were "lab" receivers as advertised
by R.L. Drake. There were commercial marine versions
of at least the latter.

The PTO range was only 100 kHz as I recall, but the
receivers are listed in Osterman's tome.

P. J. "Josh" Rovero email: provero@connix.com
Oceanographer work: rovero@sonalysts.com
Meteorologist radio: KK1D
Curmudgeon at Large web: http://www.connix.com/~provero/

Date: Mon, 26 Apr 1999 08:14:04 -0400
From: polepeeg@aa4rm.ba-watch.org (Marty's Refl. Drop)
Message-Id: <199904261214.IAA16846@aa4rm.ba-watch.org>
To: Old Tube Radios <boatanchors@theporch.com>
Cc: boatanchors@theporch.com
Subject: Re: CR91A valu

Ray isn't that the Canadial LF version

follow-on version to the AR-88? If so I'd guess $150 as-is, $250 playing
for a 70 pct. appearance factor - scale up or down accordingly.

& be carefull about "just plugging it in," as an AR88 set I once had
packed the electrolytics in a square can I thot was oil-filled.

Remove all tubes except rect. (5U4?), lift bleeder R off gnd., and series
20K WW from rect. to rest of B+ & let caps come up to electrolytic WV (if
they re-form at all)

Then spot bad bypass or two, plug in tubes, & try for Radio Habanna on 4995.

Marty

Message-ID: <001101be8fe2$d17d8e40$1a08578a@rbsingl>
From: "Rodger Singley" <rbsingl@ilstu.edu>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Need manual for FTDX 401
Date: Mon, 26 Apr 1999 07:46:33 -0500
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi,

If anyone has a manual (or at least a schematic) for this early Japanese BA
I would like to obtain one. It has a VFO or VFO switching problem in that

it works with external input (another use for the MFJ 259 antenna analyzer!)
but not on internal.

Thanks,
Rodger WQ9E

Message-ID: <37248174.52A6@debitel.net>
Date: Mon, 26 Apr 1999 17:09:07 +0200
From: Heinz und Hannelore Breuer <hbreuer@debitel.net>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
CC: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Drake DSR-1 receiver
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

According to Fred Osterman "Shortwave Receivers Past & Present"
it is very scarce and has a value of about $800 to $950. It is
a solid state double conversion (50.5 MHz and 50kHz) receiver,
switchable bandwith 0.4 kHz to 6.0 kHz, AM, LSB, USB, ISB and CW.
It was manufactured between 1969 and 1974.
73
Heinz - KF6FNC

Jim Garland W8ZR wrote:
>
> Hi Gang,
>
> Does anybody know about this receiver? An acquaintance called me and said
> he bought one as part of an estate sale. He plans to sell it at Dayton, but
> doesn't know what it's worth, or even if it's collectable. All I know about
> it is that it is in very good condition, has a nixie tube display, and is
> general coverage. I think he said the s/n was 022, which makes me think not
> many were made. I don't think I've ever seen one. Does it use vacuum tubes?
> With nixie tubes, it could be either tube or transistors.
>
> 73,
>
> Jim W8ZR

Message-ID: <01BE8FBF.06A73720.reid@olywa.net>
From: Reid Wheeler <reid@olywa.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: R-725 Manuals?
Date: Mon, 26 Apr 1999 08:29:58 -0700

MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

Looking for a source to purchase the operation and technical manuals for the R725/
URR.

Reid Wheeler   5910 Boulevard Lp SE   Olympia WA 98501-8404
Editor, Hollow State Newsletter
IRCA WDXF editor & IRCA Election Committee Chairman
e-mail at: reid@olywa.net   Voice: (360) 786-6756 Fax: (360) 753-3824

Message-ID: <01BE8FBF.BD7D8D00.reid@olywa.net>
From: Reid Wheeler <reid@olywa.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Hallicrafter parts?
Date: Mon, 26 Apr 1999 08:35:23 -0700
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

Looking for a good source for Hallicrafter parts. In particular, need a BCB
antenna coil for an HQ-145A.

Reid Wheeler   5910 Boulevard Lp SE   Olympia WA 98501-8404
Editor, Hollow State Newsletter
IRCA WDXF editor & IRCA Election Committee Chairman
e-mail at: reid@olywa.net   Voice: (360) 786-6756 Fax: (360) 753-3824

Message-ID: <01BE8FC3.816F43E0.reid@olywa.net>
From: Reid Wheeler <reid@olywa.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Hammarlund, not Hallicrafter Parts?
Date: Mon, 26 Apr 1999 09:02:18 -0700
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

Guys
Fingers got ahead of the brain again. It's Hammarlund parts I need, not Hallicrafters.
Looking for the BCB coil for the HQ-145A.

Reid Wheeler   5910 Boulevard Lp SE   Olympia WA 98501-8404
Editor, Hollow State Newsletter
IRCA WDXF editor & IRCA Election Committee Chairman
e-mail at: reid@olywa.net   Voice: (360) 786-6756 Fax: (360) 753-3824

Message-ID: <30AB00986E91D211A08B00104B8942F00932ED@ORAMAIL>
From: Matt Jodziewicz <mattj@orausa.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: 4H4-C Substitute Tube?
Date: Mon, 26 Apr 1999 09:02:13 -0700
MIME-Version: 1.0
Content-Type: multipart/alternative;
     boundary="----_=_NextPart_001_01BE8FFE.2603EDC0"

This message is in MIME format. Since your mail reader does not understand this format, some or all of this message may not be legible.

------_=_NextPart_001_01BE8FFE.2603EDC0
Content-Type: text/plain;
     charset="iso-8859-1"

Can anybody tell me if there is an equivalent to the 4H4-C voltage regulator tube? Is the 6V6GT one? I can't find the 4H4 listed in any of my tube manuals.

    Thanks.

    Matt WB2VZS

------_=_NextPart_001_01BE8FFE.2603EDC0
Content-Type: text/html;
     charset="iso-8859-1"

<!DOCTYPE HTML PUBLIC "-//W3C//DTD W3 HTML//EN">
<HTML>
<HEAD>
<META HTTP-EQUIV="Content-Type" CONTENT="text/html; charset=iso-8859-1">

<META content='"MSHTML 4.72.2106.6"' name=GENERATOR>
</HEAD>
<BODY bgColor=#ffffff>
<DIV><SPAN class=101580216-26041999><FONT color=#000000 face=Arial size=2>Can anybody tell me if there is an equivalent to the 4H4-C voltage regulator tube? Is the 6V6GT one? I can't find the 4H4 listed in any of my tube manuals.</FONT></SPAN></DIV>
<DIV><SPAN class=101580216-26041999><FONT color=#000000 face=Arial size=2></FONT></SPAN> </DIV>
<DIV><SPAN class=101580216-26041999><FONT color=#000000 face=Arial size=2>   Thanks.</FONT></SPAN></DIV>
<DIV><SPAN class=101580216-26041999><FONT color=#000000 face=Arial size=2></FONT></SPAN> </DIV>
<DIV><SPAN class=101580216-26041999><FONT color=#000000 face=Arial size=2>   Matt WB2VZS</FONT></SPAN></DIV></BODY></HTML>

------_=_NextPart_001_01BE8FFE.2603EDC0--

From: James.Reid@merisel.com
Mime-Version: 1.0
Date: Mon, 26 Apr 1999 09:28:59 -0700
Message-ID: <001707FD.C22034@merisel.com>
Subject: Receiver alignment-What did the factory use?
To: Old Tube Radios <boatanchors@theporch.com>
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit
Content-Description: cc:Mail note part

Greetings all,
  The thread on receiver alignment has been very interesting regarding all the various accepted procedures, etc. There were a couple of posts that mentioned how a cheesey meter could lead you astray. Ok, I'll buy that. So when HQ-170's or SX-28's came down the assembly line, what did the factory use to align the equipment? I'm guessing decent HP equipment was available during the 50's, but was it widely used by the radio manufacturing companies? It was horribly expensive and still is. And what about pre-WWII? I'm guessing Hewlett and Packard were still looking for a garage to set up shop. Today's surplus test equipment can align an old radio right down to a gnat's ass, but is it worth it? I'm straddling the fence with test equipment. I have an HP 606A parked right next to an 8640B. Both are fun to use. I'll be curious to see what the group offers up for comments.

Regards,

Jim N6SVS

James.Reid@merisel.com

Message-Id: <v03007803b34a55f98754@[132.235.46.183]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Mon, 26 Apr 1999 12:55:27 -0500
To: Old Tube Radios <boatanchors@theporch.com>
From: Richard Post <post@ouvaxa.cats.ohiou.edu>
Subject: Info needed on Swan 175

Anchorites,

I have a request from John Cornwell, NC8V for information / copy-manual on a Swan 175 which was given to the Athens County Amateur Radio Association (ACARA). He wants to go over it thoroughly before using it as a Club loaner. Can anyone help John in this Elmering endeavor? John has been instrumental in getting a number of area folks started in ham radio, in most cases directly to the Tech Plus level. The 175 is not listed on the BAMA site.

73 es tnx de Rich KB8TAD

==========
Boatanchor Pix website - KB8TAD
http://oak.cats.ohiou.edu/~postr/bapix/
mailto:postr@ohiou.edu
visit the Museum of Radio and Technology website
http://oak.cats.ohiou.edu/~postr/MRT/

Date: Mon, 26 Apr 1999 13:21:40 -0400 (EDT)
From: Nick England <nick@cs.unc.edu>
Message-Id: <199904261721.NAA26502@altair.cs.unc.edu>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: vintage mobile

Another favorite was Dave W0RMV (Whisky 0 Rum Martini Vodka) who mounted a 5 element 6m beam atop his Rambler Wagon (Multi-Elmac gear inside). He mounted it vertically polarized and used it for transmitter hunts on 50.4 mc AM. Drove a few circles in a parking lot to get a heading and then off he went.

73 & Have Fun,
Nick England KD4CPL nick@cs.unc.edu Univ. Of North Carolina
http://www.cs.unc.edu/~nick/hobbies.html Chapel Hill NC

Message-ID: <002101be900b$fd31ec60$6d1e29d8@blah>
From: "Richard Brunner" <rbrunner@gis.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Yaesu FTdx-401
Date: Mon, 26 Apr 1999 13:40:12 -0400
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 8bit

Don't overlook the possibility that it may have never worked. My old radio club had a donated FTdx-400 unit for that reason. It went through two hands, and it was donated to get it out of sight. One owner even sent it back to Yaesu for repair, and it came back worse than before! The biggest problem was inadequate VFO output, compounded by diode switching wherein you lose about 0.1 volt at each diode. Since there wasn't much VFO output in the first place, there wasn't much transmitter output. I added a (transistor) preamp after the VFO, bypassed the diode switching, and, with many other changes, it worked pretty decent. I also added the three WARC bands. After a lot of work it was a nice set.

Note also that General Electric 6KD6's are not interchangable with other makes - the plate current runs away and fries the plate RF choke. That was one of the problems.

Tsch¸fl
Richard Brunner, AA1P, rbrunner@gis.net

Date: Mon, 26 Apr 1999 13:48:38 -0400
Message-Id: <199904261748.NAA28647@brill.shiva.com>
From: John Shriver <jas@shiva.com>
To: Old Tube Radios <boatanchors@theporch.com>
CC: boatanchors@theporch.com
Subject: Re: Tek 585A Problems

Stan's fine, visited him while I was out in Portland recently. He's starting work on a Tek museum wing to his shack. (He does have a LOT of oscilliscopes. Saw the Tek 661/4S1/5T3 I gave him.)

I think he's very busy with e-mail now that he's selling lots of stuff on eBay. Tek stuff, old phones, etc. His wife is selling "vintage lingerie" there quite profitably as well, using the same e-mail account. (They have 31 items on auction at the moment.) So, e-mail response is slow/spotty.

Date: Mon, 26 Apr 1999 13:56:32 -0400
Message-Id: <199904261756.NAA28651@brill.shiva.com>
From: John Shriver <jas@shiva.com>
To: Old Tube Radios <boatanchors@theporch.com>
CC: boatanchors@theporch.com
Subject: Re: Receiver alignment-What did the factory use?

I suspect that the manufacturers built special-purpose equipment for aligning receivers. Say, a bunch of rock-bound 455 kc oscillators. Or, even a central one with output amplifiers driving a cable to each workbench.

My former employer did similar things. They needed accurate 10 or 20 MHz at each alignment bench for LAN cards. At first they bought a Philips synthesizer for each bench. Then someone realized that was really stupid ($$$), and setup a system of distribution amps, and a central oscillator. Heck, that way every table even had the same 10 MHz.

The HP stuff is for the design labs.

Well, I suppose it's used on MIL-SPEC production lines, but that's because of contract provisions requiring you to follow a specific procedure with specific equipment.

Message-Id: <199904261802.LAA16731@crow.prod.itd.earthlink.net>
Subject: Mil Stuff for sale
Date: Mon, 26 Apr 1999 13:02:28 -0500
From: "Joseph W. Pinner" <kc5ijd@sprintmail.com>
To: Old Tube Radios <boatanchors@theporch.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"

Glen is still clearing out unneeded items from the Military Museum here. The following are available. EMail me and I will get things back to Glen.

GRC-109A - both power supplies, receiver, transmitter, generator regulator cable, key, spares box with most of normal contents (some tubes, wrench, AC adapter, vibrator, insulators, wire, etc) and original manual. $ 300 OBO. Glen says that the receiver and small PS are working OK.

Also have a extra T-784A and an older RT-3 transmitter for $ 25 each.

PRC-74A - with RT, whip antenna /bracket, battery box, mike and original

-35 manual. $ 600 OBO. It has been tested and is working OK.

CPRC-26 stuff - 3 RTs (two with crystals), 1 canvas bag, 5 spare handset cords, 4 counterpoises, 2 handsets, 2 antennas, 2 battery extender cables, 1 headset, 3 operating plates, and some spare modules. $ 125 OBO.

Complete GRC-125 - PRC-25, AM-2060, MT-1029, MX-6707, antenna sections, cables, backpack frame, both whips, handset, and accessory bag. $ 475.

NOS BB-451 w/fill kit. Used with PRC-41 and 47 among other. $ 125 OBO.

Russian R-105 and R-108. Used/untested no accessories. $ 75 each OBO.

All items are plus shipping and payment needs to be by Money Order.

73

Joseph W Pinner +
Lafayette, LA
KC5IJD / NNN0PHR
EMail: kc5ijd@sprintmail.com

Message-ID: <3724AB40.CA34BB10@ix.netcom.com>
Date: Mon, 26 Apr 1999 13:06:56 -0500
From: David Stinson <arc5@ix.netcom.com>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: The Great Marconi Caper
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

With the help of Phil Mills, Steve Davidek and others
we recovered eight 6-foot-tall Canadian Marconi
ship-to-shore 5000 watt transmitters from a dark and
dirty old barn in central Texas. These RF units are
part of Marconi transmitter type TH41B. Tank tuning
caps bigger then a gallon milk jug. Some 807s drive
four 813s, driving a pair of Westinghouse external-anode
forced-air cooled tubes in P-P. The finals don't use sockets-
they have straps that are individually clamped to the tube pins.
Pretty cool.
I'm working on the story to put up on my website this summer.

Is there any chance whatever that someone out there has
any information on the Canadian Marconi TH41B maritime transmitters?

73 DE Dave Stinson AB5S
arc5@ix.netcom.com

Message-ID: <3724CADD.3AD9@mr.net>
Date: Mon, 26 Apr 1999 13:21:49 -0700
From: "ROBERT F. KEMP" <rkemp@mr.net>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: S-Meter for SX-101 needed
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Anyone, by chance, have an s-meter out of a junked SX-101!

Could use one if you do.

Thanks.
Bob.

Message-Id: <v0310280ab34a6a5bbb78@[134.53.4.141]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Mon, 26 Apr 1999 14:32:36 -0500
To: Old Tube Radios <boatanchors@theporch.com>
From: "James C. Garland" <4CX250B@miavx1.acs.muohio.edu>
Subject: RCA Multicoupler

My RCA multicoupler arrived this morning, and I took a quick look at it during lunch hour. In case you haven't been following this recent thread, this device is known as a CU-5069, and is available for $150 (Canadian) from: "W.J. Ford Surplus Enterprises" (testequipment@falls.igs.net).

The purpose of the multicoupler is to buffer a receiving antenna (entire HF spectrum covered) with parallel outputs to 32 different receivers.

The device is in a 19 in rack cabinet, about 4 inches high. The front panel controls consist of a toggle switch. On the back panel is one input BNC jack, 32 output BNC jacks, and a 3-prong Cannon power connector. No mating power connector or cord is supplied, though with a bit of filing it will be an easy matter to retrofit a standard 120V computer-type AC connector. No manual is supplied, either.

Inside the unit are four circuit boards on a slide-out subchassis, and a nice LV power supply (the xfmr is marked 28V). One of the circuit boards is

an input r.f. amplifier, presumablly intended to provide a bit of gain and a bullet-proof front end (high 3rd order I.P.) The output of this amplifier (which appears to have a push-pull output stage) feeds the three other boards, each of which has 12 single transistor amplifier stages. I'm guessing these are probably emitter-follower unity-gain stages, or something similar, each with a 50 ohm output. Each of the transistors has a beautiful machined heat sink attached to it (TO-5 type), and the heatsinks alone are probably worth the price of the unit. The overall construction is military-grade quality.

Once I get a power cord on the unit, I'll check it out carefully for frequency response, etc., and report on my findings. Assuming it works as I hope, it will make a wonderful distribution center for my receivers. If you've been thinking of getting one of these, I recommend you act promptly, since I think the supply is running low.

73,

Jim garland W8ZR

End of BOATANCHORS Digest 2520
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